



# LOW P



**DESCRIPTION:** A PROFESSIONAL 8 TO 9 MONTH  $\diamond$  NURSERY FERTILIZER WITH ALL THE PRIMARY NUTRIENTS COATED FOR OPTIMUM SAFETY AND PERFORMANCE. APEX LOW P IS SPECIFICALLY FORMULATED FOR PLANTS THAT ARE SENSITIVE TO HIGH RATES OF PHOSPHATE OR ARE MORE EFFICIENT IN PHOSPHATE UPTAKE.

**BENEFITS:**

- APEX® LOW P releases all the primary nutrients through the process of diffusion using POLYON® Reactive Layers Coating (RLC) controlled release technology.
- Release of nutrients with POLYON® is predictable and reliable. The coating has been precisely applied to ensure the safety and effectiveness of each granule.
- Release of nutrients is not significantly affected by media type, moisture level, pH, or microbial activity.

**Soil / Media Temperature Release Rates**

- 10.0° C 11-12 Months
- 15.5° C 9-10 Months
- 21.0° C 8-9 Months  $\diamond$
- 26.5° C 6-7 Months

**APEX 21-0.86-5.8 LOW P**

**GUARANTEED ELEMENTAL ANALYSIS:**

TOTAL NITROGEN (N)** .....	21.00%
3.50% Ammoniacal Nitrogen	
3.00% Nitrate Nitrogen	
14.50% Urea Nitrogen	
TOTAL PHOSPHORUS (P)** .....	0.86%
TOTAL POTASSIUM (K)** .....	5.80%
Magnesium (Mg) .....	1.90%
Sulphur (S)** .....	5.50%
Copper (Cu) .....	0.05%
Iron (Fe) .....	1.70%
Manganese (Mn) .....	0.05%
Molybdenum (Mo) .....	0.0006%
Zinc (Zn) .....	0.05%

Derived from Polymer-Coated Urea, Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Sulphate of Potash, Polymer-Coated Sulphate of Potash-Magnesia, Magnesium Carbonate, Magnesium Oxide, Magnesium Sulphate, Copper Oxide, Copper Sulphate, Ferric Oxide, Ferrous Sulphate, Manganese Oxide, Manganese Sulphate, Sodium Molybdate, Zinc Oxide and Zinc Sulphate.

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\*\*A portion of the nitrogen, phosphorus, potassium and sulphur materials in this product have been coated to provide 21.00% coated slow release nitrogen (N), 0.86% coated slow release total phosphorus (P), 5.80% coated slow release total potassium (K) and 4.20% coated slow release sulphur (S).

**APPLICATION RATES:**

Use LOW rate for low feeding, sensitive plants or under high soil temperatures.

Use MEDIUM rate for medium to moderately heavy feeding plants.

Use HIGH rate only for heavy feeding hardy plants.

These application rates are based on the average temperature at the fertilizer location of 21.0°C.

Increase fertilizer application rates by 20% if average monthly temperatures are lower than 15.5°C.

Lower application rates by 20% if average monthly temperatures are greater than 26.5°C.

**TOPDRESS CONTAINER:** Plant Nutrient Requirements / Uniformly apply (topdress) product onto the container surface using the amounts listed below:

DIAMETER (mm)	LOW	MEDIUM	HIGH
100mm	1 grams	2 grams	3 grams
125mm	3 grams	5 grams	7 grams
150mm	5 grams	8 grams	11 grams
175mm	9 grams	15 grams	18 grams
200mm	14 grams	21 grams	28 grams
250mm	31 grams	45 grams	60 grams
300mm	40 grams	60 grams	80 grams

**INCORPORATION:** Plant Nutrient Requirements / Uniformly mixed (incorporated) nursery fertilizer into potting media as follows:

Kilograms per cubic metre	LOW 5kg	MEDIUM 7 kg	HIGH 9kg
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**PLANTING BED:** Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

Kilograms per 100 square metres	LOW 11kg	MEDIUM 22 kg	HIGH 33kg
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**APPLICATION PRECAUTIONS:**

- Trial before use of this product under your local growing conditions, application methods, and desired rates. Avoid application to plants under stress.
- If mixed media is not used within 1 week, leach thoroughly before using.
- Product left in media for more than 1 week will lose longevity resulting in reduced release time and wasted controlled release fertilizer.
- Avoid the use of media processing equipment that could change the integrity of Reactive Layer Coated.
- Avoid mounding of fertilizer against base of the plant.
- Iron and other plant nutrients can cause staining of cement.
- Keep away from pools, ponds and other bodies of water.
- When using potting media with higher cation exchange capacities use lower recommended rates of this formulation.
- When using supplemental liquid feed reduce the rate of this formulation accordingly.
- Do not incorporate into media prior to steam sterilisation.
- This product is not recommended for dibble applications.
- To avoid the build up of soluble salts, occasional leaching may be necessary.